

ELISABETH KAGO ILBOUDO NEBIE

eilboudo@asu.edu

EDUCATION

- PhD in Anthropology** 2018
University of North Carolina at Chapel Hill (UNC-CH)
Dissertation title: Documenting Farmer-Herder Livelihoods, Challenges and Adaptations in the Center-South Region of Burkina Faso.
Committee: Colin Thor West, Paul Leslie, Todd Crane, Emily Burrill and Charles Price
- Summer Institute on Research Design in Cultural Anthropology** 2015
National Science Foundation, Duke Marine Lab, Beaufort, NC
- MA in Anthropology** 2015
University of North Carolina at Chapel Hill (UNC-CH)
Thesis title: The Dynamics between Migration and Land Use and Land Cover Change in Burkina Faso: A Comparative Case Study.
Committee: Colin Thor West, Paul Leslie, and Charles Price
- MA in International Development and Social Change** 2013
Clark University, Worcester, MA
Practitioner report: Unequal Relationships: Examining Persistent Inequalities among Small-Scale Producers, Non-governmental Organizations (NGOs), Donors, and Buyers: Case of the NGO Aid to Artisans
Committee: Kiran Asher and Denise Bebbington
- BA in International Public Relations** 2010
Université Libre du Burkina Faso (BF), Ouagadougou
Thesis: La Diplomatie Climatique du Burkina Faso: Enjeux et Perspectives
Committee: Poussi Sawadogo and Hamidou Touré

TEACHING, RESEARCH AND ADVISING

- Assistant Professor** Aug. 2021- Present
School of Human Evolution and Social Change (SHESC)/
Center for Global Discovery and Conservation Science (GDSCS)
Arizona State University, Tempe, Arizona
- Research Award Recipient** Jan.- Jul. 2021
Climate Resilient Food Systems (CRFS)
International Development Research Centre (IDRC), Ottawa, Canada
- Earth Institute Postdoctoral Research Fellow** 2018 - 2020
International Research Institute for Climate and Society (IRI)
Earth Institute, Columbia University, Palisades, New York, USA
- Social Differentiation in Adaptive Capacity Research Consultant** 2016 - 2017
International Livestock Research Institute (ILRI), Soudré-Est, Burkina Faso
- Teaching Assistant** 2014-15
University of North Carolina at Chapel Hill

102 Introduction to Cultural Anthropology– Spring 2015 [33 students]; ANTH 238 Human Ecology of Africa – Fall 2015 [48 students]; ANTH 238 (online) Human Ecology of Africa – Summer Session II 2015 [24 students]; ANTH 240 Action Research [15 students]

Geographic Information Systems (GIS) Consultant 2014-15
Research Hub, Davis Library, UNC-CH, Chapel Hill, NC

Research Assistant 2013-14
“Climate, Population Density, and Remote Sensing: Identifying Social-ecological Hotspots” project
Colin Thor West – PI, Department of Anthropology, UNC-CH, Chapel Hill, NC

DEVELOPMENT PRACTICE AND POLICY ENGAGEMENT

Resource person/Workshop facilitator 2020
United Nations Framework Convention on Climate Change (UNFCCC), Antananarivo, Madagascar
Stocktaking meeting on the work of the Least Developed Countries Expert Group, Antananarivo, Madagascar

Climate Adaptation Policy Consultant 2016 & 2018
Local and Indigenous Knowledge Systems (LINKS) project under Climate Frontlines Program
United Nations Educational, Scientific and Cultural Organization (UNESCO), Ouagadougou, Burkina Faso

Monitoring & Evaluation Consultant 2017
Improving Crop yields in Zoundwéogo Province project
Friends of Burkina Faso (FBF) Network, Manga, Burkina Faso

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

Ilboudo Nébié, E.K., Brewis, A., Wutich, A., Yogo, P. and Magassa, K. (under review). Livelihoods, Gender, and Water Insecurity: Understanding Intra-household Differences in Burkina Faso. *Society and Natural Resources*.

Mauerman, M., Ross, C., **Ilboudo Nébié, E.K.**, Anderson, W., Jensen, N.M Chelanga, P. (under review) The Long-Term Impact of Multi-Season Droughts on Livestock Holdings and Pastoralist Decision-Making in Marsabit, Kenya. *Journal of Land Degradation*.

Quimby, B., Roque, A.D., **Ilboudo Nébié, E.K.**, Levine, A., Amaama, S.A., Wutich, A., Brewis, A., and Sameulu, L.E. (under review). Blue food sovereignty benefits social-ecological resilience: a case study of small-scale fisheries comanagement and mariculture in Samoa. *Human Ecology*.

Anderson, W., C. Taylor, S. McDermid, W. Schlenker, R. Seager, **E.K. Ilboudo Nébié**, F. Cottier, A. de Sherbinin, D. Mendeloff, K. Markey. 2021. Characterizing the effect of drought, conflict, and locusts on food security in Africa *Nature Food*.

Hernandez-Aguilera, J. N., W. Anderson, A.L. Bridges, M.P. Fernandez, W.D. Hansen, M.L. Maurer, **E.K. Ilboudo Nébié**, A. Stock. 2021. Supporting interdisciplinary careers for sustainability. *Nature Sustainability*, 4(5), 374-375.

West, C.T., **E.K. Ilboudo Nébié**, and A.J. Moody. 2021. Participatory mapping with high-resolution satellite imagery: a mixed method assessment of land degradation and rehabilitation in northern Burkina Faso. *Journal of Ecological Anthropology* 22(1), 1-19. <https://scholarcommons.usf.edu/jea/vol22/iss1/1>

Ilboudo Nébié, E. K., D. Ba, A. Giannini. 2021. Climate shocks and food security: who and where are the most vulnerable households in Senegal? *Global Food Security* 29: 100513. <https://doi.org/10.1016/j.gfs.2021.100513>

Ilboudo Nébié, E. K., C.T. West, T.A. Crane. 2021. Participatory Mapping with Herders in a Climate Adaptation Research Project. *Practicing Anthropology* 43(1): 25-29. <https://doi.org/10.17730/0888-4552.43.1.25>

Ilboudo Nébié E. K., C.T. West, T.A. Crane. 2020. 'Where's the map?': integrating ethnography with maps to understand the complementarity between pastoral mobility and border formation. *Journal of Political Ecology* 27(1): 795-818. <https://doi.org/10.2458/v27i1.23152>

Ilboudo Nébié, E., West, C. T. 2019. The dynamics between migration and land use and land cover change in Burkina Faso: A comparative case study. *Journal of Political Ecology* 26(1): 614-632. <https://doi.org/10.2458/v26i1.23070>

West, C.T., A. Moody, **E.K. Nébié**, and O. Sanon. 2017. Ground-truthing Sahelian greening: Ethnographic and spatial evidence from Burkina Faso. *Human Ecology* 45(1):89-101. <https://doi.org/10.1007/s10745-016-9888-8>

Call, M., T. Mayer, S. Sellers, D. Ebanks, M. Bertalan, **E.K. Nébié**, and C. Gray. 2017. Socio-environmental drivers of forest change in Rural Uganda. *Land Use Policy* 62(2017): 49-58. <https://doi.org/10.1016/j.landusepol.2016.12.012>

West, C.T., **E.K. Nébié**, and A. Somé. 2014. Famines are a thing of the past: Food insecurity trends in northern Burkina Faso. *Human Organization* 73(4):340–350. <https://doi.org/10.17730/humo.73.4.t6952215w6281m36>

BOOK CHAPTER

Ilboudo Nébié, E. 2020. Where are the Women? Gendered experiences of land resources management in the time of climate change in southern Burkina Faso. In Boyd L. and E. Burrill (eds.). *Legislating Gender and Sexuality*. Madison, WI: University of Wisconsin Press

SYNTHESIS REPORTS

Crane, T.A., **Nébié, E.**, Ng'ang'a, T. 2018. Social differentiation and climate change adaptation - synthesis report. LGACC Working Paper No. 2. Nairobi, Kenya: International Livestock Research Institute, 7pages. https://www.worldagroforestry.org/sites/agroforestry/files/2019-07/LGACC_Social%20Differentiation%20synthesis_WorkingPaper2_2019layout.pdf

Nébié, E. 2016. Exploring Three Climate Adaptation Strategies in the Pastoral Zone of Sondré-Est. LGACC Project Report No. 5. Nairobi, Kenya: International Livestock Research Institute, 35 pages. <http://apps.worldagroforestry.org/file/7886/download?token=456IDJEY>

POLICY BRIEF

Fuchs, L.E., Njuguna, L.W., Robinson, L.W., Zampaligré, N., Coulibaly, J., Crane, T., **Nébié, E.**, Ng'ang'a, T., Somé, B., Ontiri, E. 2018. Characterizing Local Adaptive Capacity at Various Scales: A Framework for Adaptation Planning. LGACC Policy Brief 2. Nairobi, Kenya: World Agroforestry Center.

SELECTED PRESENTATIONS

- "Climate Variability and Livelihoods in the Sahel of West Africa," Dec. 5, 2019, workshop on transdisciplinary research on migration in West Africa, Columbia-NYU NSF project "Disentangling climate, food security and social factors as drivers of migration in and out of West Africa," Columbia University, New York, NY.
- "Analyzing Climate Adaptation as Social Practice in the Sondré-Est Pastoral Zone in Burkina Faso," Nov. 2019, guest, Climate and Society Master's Program (Professor: Dr. Ben Orlove), Columbia University, New York, NY.

- “We Move with the Birds: Indigenous Knowledge and Pastoral Mobility among the Fulbe of Burkina Faso,” Arctic Week Conference, 2018, Observatoire de Versailles Saint-Quentin-en-Yvelines, France.
- “Mapping borders and lives in the Pastoral zone of Sondré-Est and its Surroundings in the Center-South region of Burkina Faso,” Nov 2, 2017, African Studies Center Seminar Series, UNC-CH.
- “Becoming Sedentary on Someone Else’s Land: The Political Ecology of Land Tenure in Pastoral Zones,” Oct. 30, 2017, Anthropology department Food, Environment and Sustainability Speed Talks, UNC-CH, NC.
- “Participatory Ground Truthing of Vegetation Trends in Burkina Faso,” guest, Sep. 2014, (Course: Anthropology and Political Ecology, professor: Dr. Arturo Escobar), UNC-CH, NC.
- “Food Insecurity Trends in Northern Burkina Faso: Data Analysis”, 2014, Society for Applied Anthropology Annual Conference, Albuquerque, New Mexico.

HONORS AND AWARDS

- International Development Research Center Research Award	2020
- Earth Institute Postdoctoral Fellowship, Columbia University	2018-20
- Polgar Award for outstanding applied anthropology work, Department of Anthropology, UNC-CH	2018
- Wadsworth Dissertation Write-up Fellowship, Wenner-Gren Foundation	2017
- Dissertation Completion fellowship, Graduate School, UNC-CH	2017
- International Livestock Research Institute Fellowship	2016-17
- Off-Campus Dissertation Research Award, Graduate School, UNC-CH	2016
- Chancellor’s Candidacy Award, Initiative for Minority Excellence, Graduate School, UNC-CH	2016
- Wadsworth International Fellowship, Wenner-Gren	2013-16
- International Peace Scholarship, PEO International	2013-15
- Harriett Kupferer Travel award, Department of Anthropology, UNC-CH	2014
- UNC Doctoral Merit-Based Assistantship, Graduate School, UNC-CH	2013-14
- Fulbright Junior Staff Development Program, US Department of State	2011-13

GRANTS

Earth Frontiers Seed Funding, Earth Institute, Columbia University Co-Principal investigator Project title: How can climate services and technology improve livestock management in pastoral communities?	2020-21
Borlaug Leadership Enhancement in Agriculture Research Fellowship, USAID Principal Investigator Project title: Identifying Sustainable Pathways to Climate Change Adaptation in African Drylands	2016
Public Diplomacy Section, US Embassy, Burkina Faso Co-Principal investigator Project title: A Bilingual Journal Club for Healthcare Researchers in Centre Muraz, Bobo-Dioulasso	2015-16
Cultural Anthropology Research Experience, National Science Foundation Co-Principal investigator: Colin Thor West Project title: Climate, Population Density, and Remote Sensing: Identifying Social-ecological Hotspots	2014

MEDIA OUTREACH

State of the Planet: “Lisa Ilboudo Nébié : Studying Food Security, Environmental and Migration in West Africa,” 2021 <https://news.climate.columbia.edu/2021/02/11/elisabeth-ilboudo-nebie-spotlight/>

The Atlantic: “A Pandemic Journey that Puts Odysseus to Shame,” 2020 <https://www.theatlantic.com/science/archive/2020/08/an-arctic-scientists-dizzying-journey-home-during-the-coronavirus/615124/>

RadioTV: "Land, Ernährung, Migration," 2020

<http://www.radioafrika.net/2020/02/05/land-ernaehrung-migration/>

The Conversation: "Burkina Faso study shows link between land degradation and migration," 2020

<https://theconversation.com/burkina-faso-study-shows-link-between-land-degradation-and-migration-130006>

Columbia Magazine: "Helping Herders in Africa Adapt to Climate Change," 2019

<https://magazine.columbia.edu/article/helping-herders-africa-adapt-climate-change>

State of the Planet: "Mixing Science with Tradition Among Burkina Faso's Migratory Herders," 2019

<https://blogs.ei.columbia.edu/2019/04/05/science-tradition-ful%CE%B2e-herders/>

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Society for Applied Anthropology

Political Ecology Society

SERVICE

- Personnel committee member, School of Human Evolution and Social Change, Arizona State University
- Earth Institute Postdoctoral Representative to Earth Institute Faculty, 2019-2020
- Lamont-Doherty Earth Observatory Open House (Volunteer), 2018
- Anthropology Graduate Student Association (Senator) and Travel Award Committee (Member), Graduate & Professional Student Federation, UNC-CH, 2014 – 2015
- Friends of Burkina Faso Network (volunteer); Fulbright Program (review team member), BF; Young African Leadership Initiative (review team member), USA; United Nations Online Volunteers (online French and English Translator & Transcriber); USA-Burkina Faso Exchange Programs Alumni Association (member)

LANGUAGES

French: Proficient; English: Proficient; Mooré: Native speaker

SOFTWARE USED

ArcGIS, ENVI, QGIS, MAXQDA, Nvivo